

## **IN THE CLAIMS:**

Please cancel claim 2 without prejudice.

Please add claims 17-22 as set forth below.

### **Status of Claims:**

1. (Currently amended) A putter alignment training system comprising:

- (a) a turret including a laser emitting aperture;
- (b) a remote switch for actuating the laser;
- (c) a body having an axis, the turret being rotatably affixed to the body;
- (d) a lockable, ball joint articulated support arm projecting radially from the body; and
- (e) a clamp for attaching the arm to a putter shaft; and
- (f) the articulated arm being adjustable to so dispose the turret aperture that it can be rotatably adjusted to direct the laser horizontally in a plane passing through the putter's sweet spot and perpendicular to the face of the putter when a user is addressing a golf ball with the putter.

2. (Cancelled.)

3. (Currently amended) The system of claim 2~~1~~ wherein a backdrop is disposed behind a target to be impinged by the laser beam for visual indication of the alignment of the putter.

4. (Original) The system of claim 3 wherein the backdrop includes calibrations for gauging the degree of misalignment of the putter from the target.

5. (Original) The system of claim 3 further comprising an alignment guide comprising:

- (a) an elongated strip for lying flat on a horizontal surface;
- (b) a straight line running the length of the strip;
- (c) a cradle affixed at one end of the strip for abutting engagement with the putter face so that the straight line on the strip is perpendicularly aligned with the sweet spot of the putter; and

- (d) a support for holding the distal end of the strip upright, the laser impinging the straight line on the upright end of the strip when the aperture is properly aligned.
6. (Original) The system of claim 5 wherein the support comprises a ground stake with clip means for holding the distal end of the strip.
7. (Original) The system of claim 5 wherein the alignment guide is disposed behind a target to be painted by the laser beam for visual indication of the alignment of the putter.
8. (Original) The system of claim 5 the alignment guide includes calibrations for gauging the degree of misalignment of the putter from the target.
9. (Cancelled.)
10. (Original) The system of claim 1 further comprising:
- (a) a ball enveloped by a ball socket sufficiently to confine the ball to the socket, the ball having a radial threaded stem projecting from a mouth of the socket;
  - (b) a cylindrical barrel with a spherical cup at one end having an axially centered hole through which projects the threaded stem;
  - (c) one end of a rod is disposed in the barrel and freely travels back and forth therein, said one end defines an axial hole, the other end of the rod is threaded externally and defines an open slot to accommodate a putter's shaft, the threaded stem being screwed into the axial hole;
  - (d) two hollow cylindrical spacers, each defining opposing circular notches, freely slide over the slotted end of the rod for clamping a putter's shaft in the notches; and
  - (e) a threaded knob engaged with the slotted end of the rod, the tightening of the knob over the threaded end of the rod acting against the two spacers and the barrel and also causing tension through the rod to the ball stem, the spacers in reaction to the force of the knob clamping the putter shaft, and the barrel in reaction to the force of the knob transmitted through the spacers applying compression force around the mouth of the ball socket via the barrel's spherical cup.

11. (Currently amended) A putter alignment training system comprising:
- (a) a turret including a laser emitting aperture;
  - (b) a remote switch for actuating the laser;
  - (c) a body having an axis, the turret being axially rotatably affixed to the body;
  - (d) an articulated support arm projecting radially from the body, the articulated arm being adjustable to so dispose the turret aperture that it can be rotatably adjusted to direct the laser horizontally in a plane passing through the sweet spot and perpendicular to the face of the putter when a user is addressing a golf ball with the putter; and
  - (e) a mechanism controlled by a single knob ~~means~~ for both locking the articulated support arm when the turret is at a selected disposition and orientation, and ~~clamping locked~~ locking the support arm to a putter's shaft.
12. (Currently amended) The system of claim 11 wherein said mechanism ~~means~~ comprises:
- (a) a ball enveloped by a ball socket sufficiently to confine the ball to the socket, the ball having a radial threaded stem projecting from a mouth of the socket;
  - (b) a cylindrical barrel with a spherical cup at one end having an axially centered hole through which projects the threaded stem;
  - (c) one end of a rod is disposed in the barrel and freely travels back and forth therein, said one end defines an axial hole, the other end of the rod is threaded externally and defines an open slot to accommodate a putter's shaft, the threaded stems being screwed into the axial hole;
  - (d) two hollow cylindrical spacers, each defining opposing circular notches, freely slide over the slotted end of the rod for clamping a putter's shaft in the notches; and
  - (e) a threaded knob engaged with the slotted end of the rod, the tightening of the knob over the threaded end of the rod acting against the two spacers and the barrel and also causing tension through the rod to the ball stem, the spacers in reaction to the force of the knob clamping the putter shaft, and the barrel in reaction to the force of the knob transmitted through the spacers applying compression force around the mouth of the ball socket via the barrel's spherical cup.
13. (Cancelled.)

14. (Original) The system of claim 11 further comprising an alignment guide comprising:
- (a) an elongated strip for lying flat on a horizontal surface;
  - (b) a straight line running the length of the strip;
  - (c) a cradle affixed at one end of the strip for abutting engagement with the putter face so that the straight line on the strip is perpendicularly aligned with the sweet spot of the putter; and
  - (d) a support for holding the distal end of the strip upright, the laser impinging the straight line on the upright end of the strip when the aperture is properly aligned.
15. (Original) The system of claim 11 wherein a backdrop is disposed behind a target to be impinged by the laser beam for visual indication of the alignment of the putter.
16. (Original) The system of claim 15 wherein the backdrop includes calibrations for gauging the degree of misalignment of the putter from the target.
17. (New) An apparatus for mounting an adjustably aimed laser emitter onto a golf shaft comprising:
- (a) a support member extending laterally from the shaft, said member being pivotable about the shaft whenever the support is not locked in place relative to the shaft;
  - (b) a turret including a laser emitter;
  - (c) a body, the turret being affixed to the body;
  - (d) an articulation affixing the body to the support member, the articulation when not locked allowing the body to be pivoted universally relative to the support member;
  - (e) a remote switch for actuating the laser emitter;
  - (f) a clamping mechanism that when tightened locks the support member and the articulation in place.
18. (New) The apparatus according to claim 17 wherein the body has an axis and the turret is rotatable about the axis whether or not the articulation is locked in place.

19. (New) The apparatus according to claim 17 wherein the articulation comprises a ball joint.
20. (New) The apparatus according to claim 19 wherein the clamping mechanism when tightened applies a force frictionally pinning the ball to a mouth of a ball socket to lock the articulation in place.
21. (New) The apparatus according to claim 17 wherein the clamping mechanism further comprises a single control for operatively tightening and loosening of the mechanism.
22. (New) The apparatus according to claim 20 further comprises:
  - (a) a clamp for locking onto the club shaft;
  - (b) a threaded stem extending axially from the ball through an open mouth of the ball socket;
  - (c) a control knob for being rotated by a user's fingers; and
  - (d) an assembly including a hemispherical cup at one end that envelopes the open mouth of the ball socket to constrain it from expanding, and a threaded stud at the opposite end that threadingly engages the knob, the clamp being disposed between the knob and the assembly;
  - (e) the tightening of the control knob forcing the clamp in reaction to correspondingly tighten against the club shaft, and simultaneously pulling on the ball stem forcing it against the ball socket mouth that is constrained from expanding by the assembly's hemispherical cup.